

Prestige EnviroMicrobiology, Inc

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Analytical Test Report

Client: Proac Corp. 8401 South Lancaster Ave, Bethel, PA 19507

Client Project: Fawn Area Elem.

Sample date: NA

Submittal date: 8-6-2012

Date samples received: 8-7-2012

Date of inoculation: NA (Andersen); 8-7-2012 (Swabs & Dust)

Samples submitted by: Walt Saunders

Data analysis completed: August 14, 2012

Prestige Report number: 120807-06

Culture Method (P022): Culture Analysis of Andersen Samples for Airborne Bacteria

Prestige # Client sample ID Location	Air vol. (m ³)	Media used	Bacterial Identification	Colony counts	CFU/ m ³	Percentage
120807-06-086 #13 Outside #1	0.1132	TSA	gram (-) bacteria <i>Methylobacterium</i> spp. <i>Micrococcus luteus</i>	4 2 4	35 18 35 Total 88	40% 20% 40%
120807-06-087 #14 Room 1	0.1132	TSA	gram (-) bacteria <i>Methylobacterium</i> sp. <i>Micrococcus luteus</i>	1 1 6	9 9 53 Total 71	13% 13% 75%
120807-06-088 #15 Room 17	0.1132	TSA	<i>Bacillus</i> sp. gram (-) bacteria gram (+) bacteria <i>Methylobacterium</i> spp. <i>Micrococcus luteus</i> <i>Staphylococcus</i> spp.	1 1 2 2 2 3	9 9 18 18 18 27 Total 99	9% 9% 18% 18% 18% 27%
120807-06-089 #16 Library	0.1132	TSA	<i>Flavobacterium</i> sp. gram (-) bacteria <i>Micrococcus luteus</i> <i>Staphylococcus</i> sp.	1 5 15 6	9 44 130 53 Total 240	4% 19% 56% 22%
120807-06-090 #17 Multipurpose	0.1132	TSA	actinomycetes gram (+) bacteria	2 1	18 9 Total 27	67% 33%
120807-06-091 #18 Outside #2	0.1132	TSA	actinomycetes gram (-) bacteria <i>Micrococcus luteus</i>	1 1 2	9 9 18 Total 36	25% 25% 50%

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Culture Method (P028): Culture Analysis of Swab Samples for Bacteria

Prestige # Client sample ID Location	Area (in ²)	Media used	Dilution factor	Bacterial Identification	Colony counts	Conc. (CFU/ in ²)	Percentage
120807-06-092 #19 Room 1	3	TSA	100x	No bacterial growth detected	ND	<33 Total <33	NA
120807-06-093 #20 Room 17	4	TSA	100x	No bacterial growth detected	ND	<25 Total <25	NA
120807-06-094 #21 Library	4	TSA	100x	No bacterial growth detected	ND	<25 Total <25	NA
120807-06-095 #22 Multipurpose	4	TSA	10,000x	<i>Bacillus</i> spp. <i>Flavobacterium</i> spp. gram (-) bacteria <i>Pseudomonas</i> spp.	8 68 41 5	20,000 170,000 100,000 13,000 Total 300,000	7% 56% 34% 4%
120807-06-096 #23 RTU #1	4	TSA	100x	No bacterial growth detected	ND	<25 Total <25	NA
120807-06-097 #24 RTU #2	4	TSA	100x	No bacterial growth detected	ND	<25 Total <25	NA
120807-06-098 #25 UV Room 1	4	TSA	100x	No bacterial growth detected	ND	<25 Total <25	NA
120807-06-099 #26 UV Rm 17	4	TSA	100x	No bacterial growth detected	ND	<25 Total <25	NA
120807-06-100 #27 Multipurpose AHU	4	TSA	100x	<i>Flavobacterium</i> spp. gram (-) bacteria	2 1	50 25 Total 75	67% 33%

Culture Method (P028): Culture Analysis of Dust Samples for Bacteria

Prestige # Client sample ID Location	Wt. (g)	Media used	Dilution factor	Bacterial Identification	Colony counts	Conc. (CFU/ g)	Percentage
120807-06-101 #27 dust Library (NA*)	NA*	TSA	50x	actinomycetes <i>Bacillus</i> spp. <i>Flavobacterium</i> spp. gram (-) bacteria gram (+) bacteria <i>Methylobacterium</i> spp. <i>Micrococcus luteus</i> <i>Pseudomonas</i> spp. <i>Staphylococcus</i> spp.	8 16 71 22 6 5 22 5 68	400 800 3,600 1,100 300 250 1,100 250 3,400 Total 11,000	4% 7% 32% 10% 3% 2% 10% 2% 30%


Report approved: Theresa Lehman
Theresa Lehman, MPH, Lab Director

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Quality control check:  _____

Chin S Yang, Ph.D.

Report review:  _____

1. The samples in this report were received in good, acceptable conditions. Results relate only to the items tested.
2. Percentage is for each group in total population.
3. Concentrations and percentages are rounded to the nearest two significant digits. Total percentage may not add up to 100% due to rounding.
4. TSA =tryptic soy agar; ND = not detected; NA = not applicable.
5. All culture samples are incubated at 25±0.5°C unless otherwise indicated.
6. The detection limit of this analysis is one bacterial colony. The quantitation limits vary from analysis to analysis and by air volume. Contact us to determine your quantitation limits.